

Notice of Allowability

Application No.

10/750,591

Examiner

Prabodh M. Dharia

Applicant(s)

DAMERA-VENKATA ET AL.

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09-05-2007.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

1. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2629. Receipt is acknowledged of papers submitted on 09-05-2007 under request for reconsideration, which have been placed of record in the file. Claims 1-32 are pending in this action.

2. Applicant arguments filed on 09-05-2007, under remark regarding allowable limitations "performing a method of identifying spatially offset display positions for low resolution sub-frames, the sub-frames generating the appearance of a high resolution image when displayed by a display device at the identified positions, comprising: identifying a plurality of different combinations of the display positions; and analyzing each of the combinations to identify a combination of display positions that minimizes an effect of defective display pixels of the display device on a human visual system and selecting a first position and a second position spatially offset from the first position, the first and the second positions selected based on positions of the defective display pixels and characteristics of a human visual system" are persuasive; as after further extensive search and consideration, independent claims 1,11,21 and 28, do overcome the prior art rejection mailed on 06-05-2007, therefore the prior art rejection of 06-05-2007 is withdrawn; which puts application number 10750591 in condition for allowance.

3. The closest prior art recited on 892's to applicant' teaching; Pate, Michael A et al. (US 2004/0027313 A1) and Allen; William et al. (US 20040027363 A1) are 102(e) prior arts. The assignee of the instant application and prior arts are listed above is HEWLETT-PACKARD COMPANY. Therefore Pate, Michael A et al. (US 2004/0027313 A1) and Allen; William et al.

(US 20040027363 A1) are not good and valid 102(e) prior arts. Applicant has disclosed on first page of specification the prior art of Pate, Michael A et al. (US 2004/0027313 A1) and Allen; William et al. (US 20040027363 A1) is assigned to the assignee of the present invention, and is hereby incorporated by reference herein.

However, the prior arts of Pate, Michael A et al. (US 2004/0027313 A1) and Allen; William et al. (US 20040027363 A1) are to be considered as prior arts; they do fail to recite or disclose the uniquely distinct features of the independent claims limitations below in combination with all the other limitations of independent claims recited: "performing a method of identifying spatially offset display positions for low resolution sub- frames, the sub-frames generating the appearance of a high resolution image when displayed by a display device at the identified positions, comprising: identifying a plurality of different combinations of the display positions; and analyzing each of the combinations to identify a combination of display positions that minimizes an effect of defective display pixels of the display device on a human visual system and selecting a first position and a second position spatially offset from the first position, the first and the second positions selected based on positions of the defective display pixels and characteristics of a human visual system".

Allowable Subject Matter

4. Claims 1-32 are allowed.
5. The following is an examiner's statement of reasons for allowance:

Applicant's arguments filed on 09-05-2007 are convincing. As argued by applicant in remarks under claim rejection page 9, paragraph 5, page 10, paragraph 2, and page 11, paragraphs 1,3; prior art of Lubin et al. (US 6075884) and Conner et al. (US 2005/0225732 A1); with all of the other prior art cited on 892's 1449's, searched in NPL and searched in PGPUB, fails to recite or disclose all the other limitations of independent claims in combination with uniquely distinct features represented by underlined bold claim limitations recited below;

performing a method of identifying spatially offset display positions for low resolution sub-frames, the sub-frames generating the appearance of a high resolution image when displayed by a display device at the identified positions, comprising: identifying a plurality of different combinations of the display positions; and analyzing each of the combinations to identify a combination of display positions that minimizes an effect of defective display pixels of the display device on a human visual system and selecting a first position and a second position spatially offset from the first position, the first and the second positions selected based on positions of the defective display pixels and characteristics of a human visual system.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharja whose telephone number is 571-272-7668.

The examiner can normally be reached on M-F 8AM to 5PM.

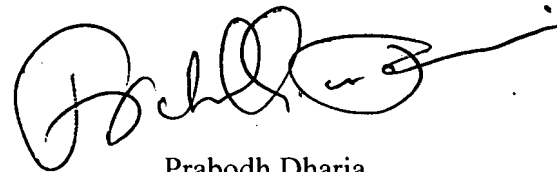
7. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231



Prabodh Dharja

Full Signatory Authority Program

AU2629

11-08-2007